

SSTD Incoming Inspection Report

Spacecraft/Project **HERSCHEL / SPIRE**

Document Number **SPIRE-RAL-REP- 001532**

Issue **1**

Sub System **See Extra Comments Sheet**

Date **09-Aug-04**

Model **PFM**

INCOMING INSPECTION REPORT

FROM
UWC

TO
SPIRE Project Rutherford Appleton Laboratory Space Science and Technology Department Chilton DIDCOT OXON OX11 0QX

Applicable sections	
Containers	YES
External Visual Inspection	YES
External Connector	YES
Documentation	YES
Verification of Interfaccs	NO
Extra Comments Sheets	NO

Drawings / Documents Attached

INSPECTION CONDUCTED BY

WITNESS BY

NAME
Peter Hargrave

DATE
09/08/2004

NAME
Eric Clark (PA)

DATE
09/08/2004

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CONTAINER INSPECTION

TRANSPORT CONTAINERS EXTERNAL CONDITION	REMARKS	Status
Mechanical damage to container fasteners, locks, clips or handling provisions		Checked
Security / Locking Fitted		N/A
Markings for destination and description	Hand carried by UWC rep	See Remarks
Warning labels relating to handling lifting and stacking limits		N/A
Any additional Comments		

TRANSPORT CONTAINERS INTERNAL CONDITION	REMARKS	Status
Check Mounting fixtures fitted internal packaging		N/A
Internal padding / packaging required		Checked
Mounting provisions secure		Checked
Any additional Comments		

ENVIROMENTAL MONITORS																										
Temperature		Condition		<table border="1" style="margin: auto; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="text-align: center;">Shock Sensors Triggerd Information</th> </tr> <tr> <th></th> <th style="text-align: center;">5g</th> <th style="text-align: center;">10g</th> <th style="text-align: center;">15g</th> </tr> </thead> <tbody> <tr> <td>X Axis</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Y Axis</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Z Axis</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>			Shock Sensors Triggerd Information					5g	10g	15g	X Axis				Y Axis				Z Axis			
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Humidity		Condition																								

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INSTRUMENT VISUAL INSPECTION

CHECK LIST	REMARKS	RESULTS
Contents against shipping list	No shipping list, Delivered by hand	SEE REMARKS
Instrument label		CORRECT
Note status of external contamination		
Degradation of paintwork or Coating?	LTS-PFM-300 Tool marks on top face of outer support ring	SEE REMARKS
Fasteners correctly locked?	N/A	SEE REMARKS
Check protective covers are correctly labelled and fitted?	Items bagged in individual transit Boxes	SEE REMARKS
Additional Comments	LTS-PFM -100 kevlar slightly frayed. LTS-PFM-300 some minor individual strands broken	SEE REMARKS

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INSPECTION OF ALL CONNECTORS

CHECK LIST	REMARKS (LIST CONNECTOR NUMBERS)	RESULTS
Pin Alignment		N/A
Damaged Sockets		N/A
Internal Debris		N/A
Connector Covers fitted		N/A
Connector Savers Fitted		N/A
EMC Covers Fitted		N/A
RED Tag Item / Green Tag Items fitted		N/A
Additional Comments		

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DOCUMENTATION CHECK LIST

Check	REMARKS	RESULTS
End Item Data Pack	To follow	See Remarks
Transportaion Documents	Delivered by Hand no documents required	See Remarks
Packing un- Packing instructions	See Above	See Remarks
Additional Comments		

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Verification of Interfaces

Mechanical interface: dimensions specified in the interface control documents such as mass, flatness of surfaces, location of fixing holes and overall dimensions should be measured accurately and recorded. Record Test Report Number, or confirm that measurement result is included in delivery documentation, (EIDP).

INSPECTION / TEST REPORT NUMBER CHECKED To be preformed at integration

Electrical interfaces: verifying the location and types of connectors against interface control document is normally carried as part of mechanical verification, confirm this has been done. Functional testing: final functional test report number should be noted.

INSPECTION / TEST REPORT NUMBER CHECKED To be preformed at integration

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EXTRA COMMENT SHEET

Photometer supports 2 off LTS-PFM-100, 200
Lightbaffle/supports 2off LTS-PFM-300, 400
Lightbaffle Alignment tool
Phometer suport alignment check tool missing will be posted